

Technical sheet :

MLA 6-65 H-Z



 **MANITOU**
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Capacities		Metric
Static tipping load with bucket (straight)		2907 kg
Static tipping load with bucket (full turn)		2230 kg
Static tipping load with forks (straight)		2259 kg
Static tipping load with forks (full turn)		1778 kg
Max. height of bucket pivot point	h35	3.32 m
Max. lifting height (below forks)	h3	3.13 m
Breakout force with bucket		5743 daN
Weight and dimensions		
Unladen weight (with forks) with 4-post canopy		4150 kg
Unladen weight (with forks)		4309 kg
Wheelbase	y	2.01 m
Overall width of 4 posts canopy	b22	1.28 m
Overall cab width	b4	1.28 m
Overall height with FOPS removed and ROPS folded	h36	1.98 m
Overall height with 4 posts canopy	h38	2.47 m
Overall height with cab	h17	2.47 m
Tilt-up angle	a4	45 °
Tilt-down angle	a5	45 °
Articulation angle	a19	45 °
Overall width less bucket	b1	1.65 m
Overall length - Less Bucket	l2	4.26 m
Ground clearance	m4	0.37 m
Engine		
Engine brand		Yanmar
Engine model		4TNV98CT_PGWL1
Engine norm		Stage IIIB
Number of cylinders / Capacity of cylinders		4 - 3300 cm³
I.C. Engine power rating / Power		65 Hp / 48.50 kW
Max. torque / Engine rotation		280 Nm / 1560 rpm
Engine cooling system		2 radiators water + hydraulic oil
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed (may vary according to applicable regulations)		30 km/h
Travel speed (laden)		20 km/h
Differential lock		Front and rear locking of the machine
Parking brake		Manual
Service brake		Hydraulic drum brake on front axle, acting on all 4 wheels
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow - Pressure		70 l/min / 200 bar
High-Flow Option (l/min)		100 l/min
Drive hydraulic system pressure		420 bar
Tank capacities		
Hydraulic oil		74 l
Fuel tank		95 l
Noise and vibration		
Vibration on hands/arms		< 2.50 m/s²
Miscellaneous		
Cab certification		ROPS - FOPS cab (level 1)

	Essential	Classic	Premium
Lifting function			
Attachment hydraulic line	S	S	S
Boom suspension	O	O	S
Hydraulic attachment locking	S	-	S
Operator station			
Adjustable and telescopic steering column	S	S	S
Air suspension seat	-	O	S
Canopy	S	-	-
Closed cab with heating	-	S	S
Floor mat	S	S	S
Tuner car radio - 50W	-	S	S
Motorization/Power			
Continuous flow hydraulics	S	S	S
Hand throttle	S	S	S
Self cleaning air prefilter	S	S	S
Speed control	O	O	S
Third speed	O	O	S
Lighting			
Complete road lighting	O	S	S
Flat Led Rotating Beacon	O	O	O
Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	O	O	S
Front and rear work lights on cab (x4)	S	S	-

Technical drawings of a skid steer loader showing top, rear, and side views with dimension labels:

- Top View:** Shows the machine from above. Dimensions include a_{19} (reach), b_{14} (width at reach), b_{18} (width at base), b_{13} (width of base), and b_1 (width of chassis).
- Rear View:** Shows the machine from the back. Dimensions include b_4 (width of rear), b_{29} (width of rear), and e_1 (width of chassis).
- Side View:** Shows the machine from the side. Dimensions include a_4 (reach), a_5 (width of reach), r_6 (radius of rear wheel), a_{13} (angle of front wheel), h_{27} (height of rear), h_{35} (height of rear), h_{42} (height of rear), h_{29} (height of rear), h_{32} (height of front), h_{38} (height of rear), h_{40} (height of rear), m_3 (width of front), y (width of front), c_6 (width of front), m_4 (width of front), m_8 (width of front), l_{16} (width of chassis), and l_2 (width of chassis).



Head Office

B.P. 249 - 430 rue de l'Aubinière

44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

www.manitou.com



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